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# AGRICULTURAL LIBRARIES INFORMATION NOTES

National Agricultural Library

U.S. Department of Agriculture  
Beltsville, Md. 20705

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LIBRARIES  
AND  
BOTANICAL GARDENS  
by  
Ian MacPhail  
Librarian  
The Morton Arboretum  
Lisle, IL

Note: The following article is an extract of a speech presented at the joint meeting of the Council of Botanical and Horticultural Libraries and the American Association of Botanical Gardens and Arboreta, Inc., May 3-10, 1981. The full paper will be published in the delayed July issue of the Association's Bulletin.

Botanical gardens, like Caesar's Gaul are divided into three parts, the living collections, the dried collections (the herbarium) and the library. This is a very ancient tradition and goes back to the first botanical gardens founded in Padua and Pisa. When Joy Morton decided to establish his arboretum in Northeastern Illinois, he turned for advice to Charles Sprague Sargent, the Director of the Arnold Arboretum, and Sargent, aware of this classical triad, said to him: "You must have a library." He laid great stress on it and even gave Joy Morton duplicate copies of works from the Arnold Arboretum Library. These, together with books from Morton's own collections and those books that Sargent advised him to buy, formed the foundation of the Sterling Morton Library in 1922 at the Morton Arboretum.

In my more megalomaniac moments, I tend to think that the library is the core or center of the Morton Arboretum around which all its other activities revolve. It is not, of course, but nor is the library some remote peripheral body with only tenuous attachment to the central activity of the Arboretum whatever that may be deemed to be. The truth is, I believe, that the classical conception of the botanic garden, approved by Sargent, is sound and the three parts are complements of a whole, interwoven with

*Reading Room of  
the Sterling  
Morton Library*



each other and necessary to each other, validated by each other if you will. Great gardens such as the New York Botanical Garden or the Missouri Botanical Garden are matched by great libraries and that is no accident. It is a necessary connection.

In the Sterling Morton Library we have 23,000 volumes including monographs and bound journals. We subscribe to 500 journals and keep backfiles of all of them or nearly all. We have 1700 pamphlets, 28 drawers of vertical file material, a small amount of material on tape cassettes (lectures and symposia that have been held at the Arboretum), and a small collection of microforms, mostly of otherwise unobtainable journals. We have a collection of 3000 rare books, dating from the 15th century down to modern limited editions. We have a collection of about 2000 original drawings, paintings, and prints (woodcuts, wood engravings, metal engravings, etchings, mezzotints, lithographs, etc.) of plants.

Those are the bare statistical facts. All this material is catalogued, classified, indexed, and arranged for easy consultation and reference.

Because the Library is a unique resource in the Chicago area with a subject focus not covered by the Field Museum, for instance, or the Chicago Botanic Garden, it is open to anybody who needs to use it and our public use has been slowly but steadily growing over the years until it is now equal to staff use.

The other day on my car radio I heard the Secretary of Education say that he foresaw a time not too far in the future when paper and printing ink would disappear and books would no longer be the means of education. I hope he is wrong, and not just because I am a librarian and care about books.

Information today can be electronically packaged for the consumer at a cost of so much per connect time. You get it, along with a little radiation, on a CRT screen or in a printout on poor paper and worse print. I sound as if I am decrying these new instruments of technology. I am not. I have used them and they can perform marvellously useful feats and clearly have an enormous and indispensable role to play, but we are in danger of supposing that they can replace libraries. Providing information is an inadequate description of what libraries do.

A library is more than a collection of books. It is a selection of books for a purpose, chosen with care, catalogued and classified by men and women with professional skills. But it is more than this. A collection of books in a library is more than the sum of its parts. It is a unique accumulation of a part of the world's knowledge and experience. Its financial value (which may be enormous) is trivial compared with its value as a resource, a record of the history of human thought, a vast memory. Lawrence Towner, President of the Newberry Library in Chicago, said recently:

If we do not preserve the literary and historical record, if we do not strive continuously to augment it and to make it readily available, we will lose mankind's memory and the ability to make human and humane judgments. The library is the stored up memory of mankind. Without that memory we cease to be human.

In the past few years we have seen the breaking up and dispersal of two great botanical libraries, one in Europe, one in North America. In France the fine private collection of Arpad Plesch, built up over many years in the south of France, was sold at Sotheby's auction house in London in 1975 and 1976. Even the three auction catalogues of this fine collection are collector's pieces today.

A few years ago the library of the New York Horticultural Society was sold in New York. It would be some consolation to know that it had been sold as a collection and was available elsewhere. It was not and is not. Most of it was sold piecemeal and the bulk of it went to European buyers. Its dispersal has diminished the botanical and horticultural resources of the United States and we cannot afford that.

It is no longer possible to build up such collections as these again.

Books and gardens. They make a happy combination, appealing to the love of knowledge and the love of beauty. The botanic garden and the library have always been civilizing and peaceful oases in a turbulent and threatening world. Neither exists by chance or is maintained by neglect. Let us then, like Candide, "cultivate our gardens" but let us not forget to cultivate our libraries. In the end gardens as we know them today would not exist if it were not for libraries. 

#### PHOTO PORTRAIT OF LIFE ALONG THE BLUE RIDGE PARKWAY

*Blue Ridge Harvest*, a new publication from the Library of Congress, is a photographic portrait of the land, communities, religion, and people along a section of the 469 miles of the Blue Ridge Parkway. In these pages one meets Ernest Jarvis for a tour around his family farm; McKinley Brim, a brightleaf tobacco farmer in his early 80's; Carrie Severt, a quilt maker; and D.J. and Janet Keith, high school teachers who also farm over 400 acres.

Behind each of these individuals are traditions that find varied expression through such activities as work and play, religion, and dance. The survival of this tradition in this modern-day setting is a theme of this book. Whether it be through an impromptu "pickin' party" in a gas station, a riverside baptism,

or high school social ritual, the photographs and commentary in *Blue Ridge Harvest* prove the resilience of tradition and shared experience across generations.

The approximately 100 black-and-white photographs in this 116-page publication were taken during the Blue Ridge Parkway Folklife Project, conducted in 1978 by the Library's American Folklife Center in cooperation with the National Park Service. The project was limited to areas in seven counties along the Parkway, between Rocky Knob, VA, and Doughton Park, NC. A team of folklorists conducted an intensive field survey of the region, recording hundreds of people and taking thousands of photographs. A survey of recorded religious expression of the region is the subject of a forthcoming two-record album and booklet.

*Blue Ridge Harvest* is available for \$4.75 in person from the Information Counter, Library of Congress Thomas Jefferson Building, or by mail from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. (Stock No. 030-000-00127-3).



Tobacco farmer McKinley Brim with a favorite cow on his Patrick County farm. Mr. Brim is one of several Blue Ridge Mountain residents pictured in *Blue Ridge Harvest*. (American Folklife Center photo by Terry Eiler) 



## DIRECTOR'S COLUMN

When I was in Japan in October, I became acquainted with Dr. Ulrich Wattenberg, who is with the Tokyo Office of the Gesellschaft für Information und Dokumentation mbH (GID). He answered a number of questions I had about the national agricultural library and information systems in the Federal Republic of Germany.

The "national agricultural library" of the FRG is located at the University of Bonn, where it grew out of a faculty library for agriculture. It has a staff of 19, holdings of 160,000 books and 3200 journals (2300 foreign). Two thirds of the acquisitions budget is provided by the German Research Promotion Association (DRG). Next year the library will be moved into a new building with a staff of 29 persons.

Science research in the FRG is done primarily in the universities (supervised by the states) and within the research facilities cooperatively sponsored by the Federal and State governments. The Federal Ministry of Agriculture also has direct supervision of a number of research facilities.

In 1974 scientific documentation in the FRG was established in 16 systems for specialized information, including a system for food and agriculture (System 2). The System is made up of 22 documentation centers, coordinated by Zentralstelle für Agrardokumentation und -information (ZADI) in Bonn. ZADI coordinates the centers, provides information service, and central data processing. It also develops tools for documentation and on-going research, and promotes international cooperation.

Data bases available at ZADI include AGRIS, AGREP, ASFA, CAB-PLANTS, and ARICOLA. Plans call for including some data bases of German origin.

Richard A. Farley  
Director, NAL 

## QUICK BIBLIOGRAPHY SERIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the NAL Reference Staff in response to customer requests.

Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length and probable value to a larger audience. All titles in this series will be listed for six months. Revisions or updates will be renumbered and reannounced. Only one copy of a title will be sent; however, requestors may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

Reference Branch, Room 302  
National Agricultural Library  
Beltsville, MD 20705

NAL--BIBL.--81-14. *The Mediterranean Fruit Fly, Ceratitis Capitata*, 1970-June 1981. 285 citations from AGRICOLA. Searched by Maria Pisa and Henry G. Gilbert. June 1981.

NAL--BIBL.--81-15. *Urban Forestry*, October 1979-March 1981. 140 citations from AGRICOLA. Searched by Jayne T. MacLean. June 1981.

NAL--BIBL.--81-16. *Infrared Reflectance Analysis of Agricultural Products*, 1970-June 1981. 58 citations from AGRICOLA. Searched by Jayne T. MacLean. July 1981.

NAL--BIBL.--81-17. *Tissue Culture - Its Practical Applications*, 1970-1981. 116 citations from AGRICOLA. Searched by Henry G. Gilbert. July 1981.

NAL--BIBL.--81-18. *Rodent Control*, 1970-1980. 128 citations from AGRICOLA. Searched by Henry G. Gilbert. July 1981.

NAL--BIBL.--81-19. *Interaction of Nitrogen with Cowpeas* 1975-May 1981. 23 citations from AGRICOLA. Searched by William Longenecker. July 1981.

NAL--BIBL.--81-20. *Winged Beans*. 107 citations from AGRICOLA. Searched by Charles Bebee. July 1981.

NAL--BIBL.--81-21. *Yogurt - Production and Consumer Acceptance*. 193

citations from AGRICOLA. Searched by Jayne T. MacLean. August 1981.

NAL--BIBL.--81-22. *Potato Spindle Tuber Viroid*, 1979-Sept. 1981. 37 citations from AGRICOLA. Searched by William Longenecker. September 1981.

NAL--BIBL.--81-23. *Minimum/Zero/Conservation Tillage*, November 1978-July 1981. 195 citations from AGRICOLA. Searched by Jayne T. MacLean. October 1981. Supplement to 80-10.

NAL--BIBL.--81-24. *Grain Elevator Safety*, 1970-October 1981. 25 citations from AGRICOLA. Searched by Maria Pisa. October 1981.

NAL--BIBL.--81-25. *Leucaena, The Versatile Ipil-Ipil Tree*, 1970-1981. 164 citations from AGRICOLA. Searched by Jayne T. MacLean. October 1981.

NAL--BIBL.--81-26. *Akabane*, 1970-1981. 49 citations from AGRICOLA. Searched by Sheldon Cheney. October 1981.

NAL--BIBL.--81-27. *Gasohol and Biomass Fuels*, 1978-1981. 80 citations from AGRICOLA. Searched by Sheldon Cheney. November 1981.

NAL--BIBL.--81-28. *Review Articles on Mosquitos (culicidae)* 1968-Sept. 1981. 237 citations from AGRICOLA. Searched by Charles Bebee. November 1981.

NAL--BIBL.--81-29. *Acid Rain: Impacts on Agriculture*, 1969-1981. 123 citations from AGRICOLA. Searched by Sheldon Cheney. November 1981. Supersedes 80-22.

NAL--BIBL.--81-30. *Cropping Systems*, 1970-1981. 255 citations from AGRICOLA. Searched by Henry G. Gilbert. November 1981.

NAL--BIBL.--81-31. *Hydroponics/Nutrient Film Techniques*, 1969-1981. 189 citations from AGRICOLA. Searched by Henry G. Gilbert. November 1981.

NAL--BIBL.--81-32. *Household Pests*, 1970-1981. 89 citations from AGRICOLA. Searched by Henry G. Gilbert. November 1981.



## ASSOCIATES OF THE NATIONAL AGRICULTURAL LIBRARY, INC.

The Associates NAL, Inc., is a non-government, non-profit friends of the library organization dedicated to supporting the goals and objectives of the National Agricultural Library in those areas which are not covered by appropriated funds. Members pay annual dues of \$10.00 and meet annually at the Library or in the neighborhood. It is the purpose of this column to bring to the attention of our readers news concerning activities of the Associates and their accomplishments.

The 1981 annual meeting was held on July 9, 1981, with a luncheon at the Holiday Inn across from the National Agricultural Library. Tatiana Tontarski, Hospitality Chairman, and her committee created a delightful ambience.

Since this annual meeting was held jointly with the Council of Supervisors of the National Agricultural Library, business was held to a minimum in order to give maximum time to our principal speaker Glenn R. Conrad, Director of the Center for Louisiana Studies of the University of Southwestern Louisiana. Mr. Conrad spoke on the background and development of the exhibit "Green Fields, Two Hundred Years of Louisiana Sugar: A Pictorial History." His talk was published in *Agricultural Libraries Information Notes*, V. 7, No. 8/9, August/September 1981. Members of the Associates NAL, Inc., were invited to attend the ceremonies opening the exhibit in the lobby of the National Agricultural Library later that afternoon.

The slate of new officers for July 1981-June 1982 was presented by Dr. Wayne Rasmussen, Chairperson, Election Committee. The slate was accepted unanimously and the new officers are:

Orlin Scoville, President  
Harry Dewey, Vice-President  
Harry Trelogan, Treasurer  
Ethel Smith, Secretary

Ex officio members of the Board are:

Eugene M. Farkas, 1980-1982  
Elaine McLaughlin, 1980-1982  
Gerald Paulsen, 1980-1982

Current membership now stands at 161. Approximately 79 percent are fully paid-up members in good standing. Membership dues are remarkably low for these inflationary times. Since the founding of our "friends group" in 1970, dues have not changed and will continue to remain at \$10 a year.

The Associates NAL, Inc., are sponsoring a symposium titled "Twentieth Century Agricultural Science: Discovery, Use, and Preservation," to be held October 6-8, 1982. The Agriculture History Society has graciously agreed to be a sponsor and has made a grant of \$2,000. Additional sources of funding are still being sought to allow us to bring in outstanding speakers. If any of our members can help us with fund-raising, please contact our President, Orlin J. Scoville (4319 North 39th Street, Arlington, Virginia 22207; telephone (703) 532-1605).

March 23, 1982 marks the 120th anniversary of the founding of the USDA Library, the 20th anniversary of our designation as the National Agricultural Library, and the 10th anniversary of the establishment of the Associates NAL, Inc. It is fitting, therefore, to mark these anniversaries with a celebration. The Associates are planning a program of recognition and awards. Please give your ideas and suggestions, etc. either to Leila Moran (344-3937) or Alan Fusonie (344-3876). Volunteers are needed to ensure the success of this program.

Our editors, Alan and Donna Jean Fusonie, announced their resignation at the Board of Directors Meeting April 24, 1981. The Board of Directors noted their resignation with regret and commended them for their outstanding work.

The Board voted continuance of the *Journal* if a new editor could be found. The President appointed a committee of five persons to explore the concept of the *Journal*, areas of concern, and expanded

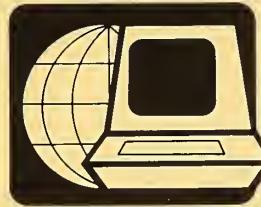
use as an outreach tool. The report of the Committee is to be presented at the autumn meeting of the Board.

Friends of the library-type organizations generally involve themselves in raising funds for the purchase of books, periodicals, and other forms of library materials; contributing to endowments; plugging the gaps caused by budgetary cuts; and sponsoring a variety of community programs. The Associates NAL, Inc., have endeavored to contribute to the scholarly enhancement of the National Agricultural Library in areas not covered by appropriated funds. It has so far organized and sponsored four symposia: Agricultural Literature: Proud Heritage-Future Promise; Heritage of Maryland Agriculture, 1776-1976; International Agricultural Librarianship: Continuity and Change; and a Symposium of Animal Health and Disease Data Banks. Since April 1971 the Associates have published successively a newsletter, which developed into a journal—Associates NAL Today, which in turn became the *Journal of NAL Associates*. Should the Associates continue in this direction despite the growing difficulties in obtaining funding for symposia and volunteers to edit publications projects? Or, has the time come to strike out in new directions?

Another direction is development of the rare and special collections. The National Agricultural Library has many unique and beautiful volumes in its collections. A current project is underway to identify rare materials in the general collection and remove them to the rare book cage. Appropriated book funds are not generally used for the purchase of rare books. Should the Associates devote funds to the acquisition of unique and/or rare items? Let us have your ideas!



Orlin J. Scoville  
President



## AGRICOLA

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### AGRICOLA ONLINE

At the AGRICOLA Users Group Meeting in October, SDC announced that they would not be loading the 1979-1981 AGRICOLA file this year. SDC currently has CAIN/AGRICOLA online from 1970-1978 and were planning to bring the file up-to-date. New AGRICOLA records are added regularly each month on DIALOG and BRS.

### USE FEES

Beginning January 1982, the National Technical Information Service (NTIS) will begin collecting use fees for AGRICOLA. As part of an agreement between NTIS and NAL signed this past summer, NTIS will, in addition to distributing AGRICOLA magnetic tapes, also collect from tape subscribers use fees for online and SDI searches. No use fee will be charged to U.S. Federal or State agencies, or to Land-Grant or 1890 colleges and universities who subscribe to the tapes.

The use fees will be \$2.00 per connect hour for online access and \$0.35 for each SDI profile per year. Foreign tape subscribers will be charged slightly higher fees.

The money collected from the use fees will go to a special NTIS account to cover costs for marketing and AGRICOLA training.



Joseph R. Judy, Chief  
Information Systems Division

## AGRICOLA, CRIS AND CALS WORKSHOPS

The National Agricultural Library (NAL) will be sponsoring, during the remainder of fiscal year 1982, four intensive level AGRICOLA, CRIS, and CALS workshops. These workshops are designed to train librarians and information specialists in the efficient use of NAL information systems and services. They will be held at the following locations and dates:

Feb. 1-5: University of Florida  
Gainesville, FL

April 12-16: USDA, South Agriculture  
Building  
Washington, D.C.

June 14-18: Colorado State University  
& USDA Forest Service  
Fort Collins, CO

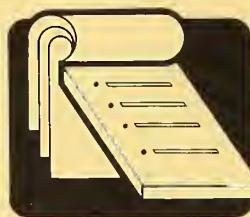
August 9-13: Cornell University  
Ithaca, NY

Please note the change in date for the workshop at the University of Florida. This was originally scheduled for March 1-5. This workshop -February 1-5- precedes by a week a workshop at Orlando, Florida conducted by Southern Agricultural Economics staff at which NAL will hold a mini seminar. Requests for enrollment must be received at least 2 weeks prior to the workshop date. Reservations and inquiries may be made by telephoning (301) 344-3937.

David Hoyt, Leader  
Training and Education  
Educational Resources Staff

### POSITION OPEN

Science Reference/Bibliographer for Engineering, Mathematics. Trinity University of San Antonio, TX. Salary minimum \$17,000. Send letter of application, detailed resume, names and telephone numbers of three references by Feb. 15, 1982 to Richard Hume Werking, Search Committee, Trinity Univ. Library, 715 Stadium Drive, San Antonio, TX 78284.



## NEW SERIALS RECEIVED AT NAL

*American Export Register.* New York, Thomas International Publishing Co. a. 1980- HF3010.A6

Continues *American Register of Exporters and Importers.*

*Diagnostic Histopathology.* Chichester, Sussex, New York, Wiley. q. 1981- RB125.15

Continues *Investigative and Cell Pathology.*

*Forest Planning: Journal of the Nationwide Forest Planning Clearinghouse.*

Eugene, OR, The Clearinghouse. m. Vol. 1, 1980- SD1.F665

*Ground Water Monitoring Review.*

Worthington, OH, Water Well Journal Publishing Company. q. Vol. 1, no. 1, 1981- GB1001.G76

*ICLAS Bulletin.* Oslo, Norway, International Council for Laboratory Animal Science. s.-a. No. 46, 1980- 410 In84

Continues *ICLA Bulletin.*

*International Micrographics Source Book.*

New Rochelle, NY, Microfilm Publishing Company. q. 1980/81- TR835.M5

Continues *International Microfilm Source Book.*

*Journal of Logging-Sawmilling.* Richmond, B.C., Wheeler Communications Inc. m.

Vol. 12, 1981- SD538.3.C26B7

Continues *Journal of Logging.*

*Monoclonal Antibody News.* New York, Mary Ann Liebert, Inc. bi-m. Vol. 1, no. 1 & 2, 1981- QR180.M6

*Monthly Energy Review.* Washington, U.S. Department of Energy, Energy Information Administration. m. 1980- HD9564.M6  
Formed by the union Pims Monthly Petroleum Report and Monthly Energy Indicators.

National Patterns of Science and Technology Resources/National Science Foundation. Washington, D.C., The Foundation. irreg. 1980-  
Q179.9.N35

Performance Budget of Agriculture, Forests, and Co-operation Department Fisheries. Rajkot, The Department. a. 1978/79-  
SH299.G8

Proceedings. Earth and Planetary Sciences. Bangalore, Indian Academy of Sciences. m. Vol. 89, 1980-  
QE1.146

Continues in part Indian Academy of Sciences. Proceedings. Section A.

Proceedings. Mathematical Sciences. Bangalore, Indian Academy of Sciences. m. Vol. 89, 1980-  
QA1.15  
Continues in part Indian Academy of Sciences. Proceedings. Section A.

Science in USSR. Moscow, USSR Academy of Sciences. irreg. No. 1, 1981-  
Q1.A3S2

Serial Sources for the BIOSIS Data Base. Philadelphia, PA, Biosciences Information Service. a. 1978-  
241.7 B522

State Publications Index. Englewood, CO, Information Handling Services. q. Vol. 6, 1979/80-  
Z1223.5.A1C45  
Continues Checklist of State Publications.

Urner Barry's Price-Current. Toms River, NY, Urner Barry Publications. d. 1980-  
286.8 P942  
Continues Producers' Price-Current.

Urner Barry's Price-Current. Toms River, NY, Urner Barry Publications. s.-w. 1980-  
HD9437.U5P7  
Continues Producers' Price-Current. West Coast Edition.

USSR Report. Life Sciences. Agrotechnology and Food Resources. Arlington, VA, Foreign Broadcast Information Service. irreg. No. 1, 1980-  
S4945.15U8

Continues in part USSR Report. Biomedical and Behavioral Sciences.

USSR Report. Life Sciences. Biomedical and Behavioral Sciences. Arlington, VA, Foreign Broadcast Information Service. irreg. No. 1, 1980-  
R856.U8  
Continues in part USSR Report. Biomedical and Behavioral Sciences.

Water Engineering & Management: Journal of Water Quality Management. Des Plains, IL, Scranton-Gillette Communications. m. Vol. 128, 1981-  
TD201.W385  
Formed by the union of Water & Sewage Works and Water & Wastes Engineering.

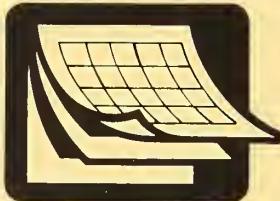
Zentralblatt fuer Bakteriologie, Mikrobiologie und Hygiene. Abt. Orginiale A, Medizinische Mikrobiologie, Infektionskrankheiten und Parasitologie. Stuttgart, New York, Fischer. irreg. Vol. 247, 1980-  
448.3 C33(1)  
Continues Zentralblatt fuer Bakteriologie. I. Abt. Orginiale A, Medkizinische Mikrobiologie, Infektionskrankheiten und Parasitologie.

Zimbabwe Science News: A Journal of the Zimbabwe Scientific Association. Salisbury, Zimbabwe Scientific Association. m. Vol. 14, 1980-  
QR1.R5  
Continues Zimbabwe Rhodesia Science News. 

#### RESEARCH DIRECTORY

Directory of Agricultural Research Collections in the United States. (Washington, D.C.) Joint Council on Food and Agricultural Sciences, 1981. 56 p. Free. Request from Executive Secretary, Joint Council on Food and Agricultural Sciences, USDA, Room 351-A, Administration Building, 14th & Independence Avenue, S.W., Washington, D.C. 20250.

A survey of physical facilities for agricultural research resulted in the collection of new information concerning collections of bacteria, phages, insects, viruses, seeds, etc., and their availability for use for scientific purposes.



## AGRICULTURE DATEBOOK

February 2-4: *Weed Science Society of America*. Boston, MA. Park Plaza. Contact: Claude J. Cruse, Exec. Sec., 309 West Clark Street, Champaign, IL 61820.

February 7-11: *National Association of Conservation Districts Annual Convention*. Phoenix, AZ. Contact: Neil Sampson, Exec. Vice-President, NACD, 1025 Vermont Avenue, N.W., #730, Washington, D.C. 20005.

February 8-12: *International Society for Human and Animal Mycology*. VIIIth Congress. Palmerston, NZ. Contact: Secretariat, Massey University, University of Extension, P.O. Box 63, Palmerston, New Zealand.

February 16-18: *Ninth Energy Technology Conference & Exposition*. Sheraton Washington Hotel, Washington, D.C. Contact: Martin Heavner, Mgr. Commun., 966 Hungerford Drive #24, Rockville, MD 20850.

March 1-3: *TAPPI (Technical Association of the Pulp and Paper Industry) National Meeting*. Washington, D.C. Sheraton-Washington. Contact: Dr. Philip E. Nethercut, Exec. Dir., Dunwoody Park, Atlanta, GA 30341.

March 1-6: *State 4-H and Home Economics Leaders' Workshop*. Chevy Chase, MD. National 4-H Center. Contact: Opal Mann or Eleanor Wilson, SEA/Extension, Room 5407, South Agriculture Building, Washington, D.C. 20250. Tel: (202) 447-2908.

March 23: *120th/20th/10th Anniversary Celebration of the National Agricultural Library & The Associates NAL, Inc.* Contact: Leila Moran or Alan Fusonie, National Agricultural

Library, Beltsville, MD 20705. Tel: (301) 344-3937.

March 10-14: *American Horticultural Society. Spring Symposium*. New Orleans, LA. Fairmont. Contact: Dorothy W. Sowerly, Mount Vernon, VA 22121.

May 1-October 31: *Energy Turns the World. 1982's World Fair*. Knoxville, TN. A number of seminars and professional meetings have been scheduled in Knoxville during that period.

May 23-29: *International Symposium on Dietary Fibre in Human and Animal Nutrition*. Palmerston, NZ. Contact: Secretariat, Massey University, P.O. Box 63, Palmerston, New Zealand.

June 2-4: *Council on Botanical & Horticultural Libraries. 14th Annual Meeting*. Washington, D.C. The dinner meeting, June 2 will be held at the National Agricultural Library, Beltsville, MD. Contact: Jayne T. MacLean, Reference Section, National Agricultural Library, Beltsville, MD 20705. Tel: (301) 344-3704.

June 13-19: *American Society of Plant Physiologists*. Champaign, IL. Contact Dr. G.R. Noggle, Acting Business Exec., 9650 Rockville Pike, Bethesda, MD 20014.

June 27-30: *American Dairy Science Association*. University Park, PA. Contact: C. Cruse, 309 W. Clark Street, Champaign, IL 61820.

July 4-7: *Agricultural Communicators Educational Conference*. Biloxi, MS. Broadwater Beach. Contact: Joseph J. Markes, 1-98 Agricultural Building, University of Missouri, Columbia, MO 65201.

August 1-4: *American Soybean Association*. Minneapolis, MN. Hyatt Regency. Contact: Ken R. Bader, Chief Exec. O., Box 27300, Craig Road, St. Louis, MO 63141.

August 2-4: *International Conference on Plant and Vegetable Oils as Fuels*. Fargo, ND. Sponsor: American Society of

Agricultural Engineers. Contact: George L. Pratt, PE, Chairman, International Conference on Plant and Vegetable Oils as Fuels, Agricultural Engineering Department, North Dakota State University, Fargo, ND 58105.

August 8-13: American Institute of Biological Sciences. State College, PA. Penn. State University. Contact: Janet Barret, Head, Mtgs. Department, 1401 Wilson Blvd., Arlington, VA 22201.

August 18-20: Fourth International Conference on Resource-Conserving, Environmentally Sound Agricultural Alternatives. Massachusetts Institute of Technology, Cambridge, MA. Sponsored by International Federation of Organic Agriculture Movements. Contact: William Lockeretz, School of Nutrition, Tufts University, Medford, MA 02155.

Sept.-Oct.: U.S. Committee Irrigation Drainage Flood Control. Vicksburg, MS. Contact: Larry D. Stephens, Exec. Sec., Box 15326, Denver, CO 80215.

October 4-8: Second World Congress on Genetics Applied to Livestock Production. Madrid, Spain. Contact: Carlos Luis de Cuenca, Departamento de Genetica y Mejora, Facultad de Veterinaria, Cuidad Universitaria, Madrid-3, Spain.

October 6-8: Symposium on Twentieth Century Agricultural Science: Discovery, Use and Preservation. Beltsville, MD. Contact: Alan Fusonie or Leila Moran, National Agricultural Library, Beltsville, MD 20705. Tel: (301) 344-3937.

Oct. 31-Nov. 4: National Association of Extension 4-H Agents. Baltimore, MD. Baltimore Hilton. Contact: Allen Ulrich, Sec., 1401 Walter Avenue, Fremont, OH 43420.

November 7-12: U.S. Animal Health Association. Nashville, TN. Radisson Plaza. Contact: J.C. Shook, Exec. Sec., 6924 Lakeside Avenue, Suite 205, Richmond, VA 23228.

November 14-17: North American Symposium on Allelopathy. University of Illinois, Urbana-Champaign campus. Contact: A.R. Gilmore, Department of Forestry, c/o Carol Holden, University of Illinois, Conferences and Institutes, 116 Illini Hall, 725 S. Wright Street, Champaign, IL 61820.

December 6-10: National Farmers Organization. Louisville, KY. Contact: Devon R. Woodland, Pres., 720 Davis Avenue, Corning, IA 50841.

December 6-10: International Conference on Chemistry and World Food Supplies--The New Frontier (CHEMRAWN II). Manila, Philippines. Contact: Joyce Torio, CHEMRAWN II Coordinating Office, International Food Policy Research Institute, 1776 Massachusetts Avenue, N.W., Washington, D.C. 20036. 



## CAPITOL HILL LEGISLATION

H. R. 4830. Acid Rain. Strengthens research and development programs aimed at understanding causes and effects of acid precipitation; establishes a process for cooperative decisionmaking on strategies to control this environmental problem. To Committees on Science and Technology and Energy and Commerce. October 22.

H. R. 4564. Establishes a uniform Federal system for management, protection, and utilization of the results of federally sponsored scientific and technological research and development; and to further the public interest of the United States domestically and abroad; and for other related purposes. To Committees on Judiciary and Science and Technology. September 23.

H. R. 4632. Provides land-grant status for the College of Agriculture and Mechanic Arts of the University of Puerto Rico. To Committee on Agriculture. September 30. 



## AGRICULTURAL TRANSLATIONS

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